IN THE CLAIMS

Claim 1: (presently amended) A method for in-line monitoring of a fluid composition, the method comprising:

placing a tuning fork resonator in contact with the fluid composition in a conduit;

oscillating the resonator while the fluid composition is flowing in the conduit;

monitoring the resonator to obtain a resonator response; and

determining at least two properties of the fluid composition based on the resonator response, where at least one of the properties is an electrical property.

Claim 2: (presently amended) The method of claim 1, wherein ~~the~~ at least one of the two properties is ~~are~~ selected from the group consisting of viscosity, density, viscosity density product, molecular weight, specific weight, or elasticity~~, dielectric constant, conductivity~~.

Claim 3: (cancelled) ~~The method of claim 2, wherein the at least two properties are simultaneously determined based on the resonator response.~~

Claim 4: (original) The method of claim 2, wherein the at least two properties are separately determined based on the resonator response.

Claim 5: (presently amended) The method of claim 2, wherein one of the at least two properties ~~are~~ is viscosity ~~and density~~.

Claim 6: (original) The method of claim 2, wherein the at least two properties are viscosity and dielectric constant.

Claim 7: (presently amended) The method of claim ~~2~~4, wherein the separately determining step included separately determining at least three properties of the fluid composition.

Claim 8: (original) The method of claim 7, wherein the at least three properties are viscosity, dielectric constant and conductivity.

Claim 9: (original) The method of claim 2, further comprising:

calibrating the resonator against a standard fluid or a number of standard fluids having known properties to obtain calibration data; and

determining the at least two properties based on the calibration data and the resonator response.

Claim 10: (original) The method of claim 9, wherein the conduit is an oil pipeline.

Claim 11: (presently amended) A method for in-line monitoring of a fluid composition, the method comprising:

calibrating a tuning fork resonator against a standard fluid or a number of standard fluids having known properties to obtain calibration data;

placing the resonator in contact with the fluid composition in a conduit;

oscillating the resonator while the fluid composition is flowing the conduit;

monitoring the resonator to obtain a resonator response; and

~~simultaneously~~ determining at least two properties based on the calibration data and the resonator response, where at least one of the properties is an electrical property.

Claim 12: (presently amended) The method of claim 11, wherein one of the at least two properties is~~are~~ viscosity ~~and density~~.

Claim 13: (original) The method of claim 11, wherein the at least two properties are viscosity and dielectric constant.

Claim 14: (new) The method of claim 1, wherein the fluid composition comprises a liquid.

Claim 15: (new) The method of claim 11, wherein the fluid composition comprises a liquid.